

IN THE CLAIMS

Claims 1-28 (Canceled)

29. (Currently Amended) A computer system comprising:

a plurality of computers; ~~each of which comprises a memory unit having a boot-up control program; and~~

a storage system comprising a plurality of logical units and ~~a plurality of at least one interface control circuits, each of said interface control circuits being coupled to one of said the~~ plurality of computers[[,]] and

a management computer coupled to the plurality of computers and the storage system, wherein some each of said the plurality of logical units are is a private logical units, each of which is of a predetermined user and conditionally accessible from a computer to which a user name of the predetermined user is inputted, being used by a predetermined user, and wherein each of said plurality of computers is arranged to receive an inputted user name, execute a boot-up control program, and detect at least one available private logical unit accessible from a computer on condition that the computer is being used by a user

~~indicated by the inputted user name, according to the~~  
~~inputted user name, and execute a boot-up process of an~~  
~~Operating System (OS) stored in a detected private logical~~  
~~unit.~~ and the management computer is arranged to manage  
mutual correspondence between a user name and logical unit  
identification information indicating a private logical  
unit of a user indicated by the user name,

wherein the management computer is arranged to  
receive a user name and computer identification information  
indicating a computer to which the user name is inputted,  
from the computer, find at least one private logical unit  
of a user indicated by the received user name, and transmit  
the received computer identification information and  
logical unit identification information indicating the  
found at least one private logical unit to the storage  
system, and

wherein the storage system is arranged to permit  
the computer indicated by the received computer  
identification information to access the at least one  
private logical unit indicated by the received logical unit  
identification information.

30. (Canceled).

31. (Currently Amended) A computer system according to claim ~~30~~ 29,

wherein the storage system is arranged to hold the mutual correspondence between the computer identification information and the logical unit identification information, both of which are received from the management computer, and

wherein each of ~~said~~ the plurality of computers is arranged to transmit a logical unit detection command to the storage system, and the storage system is arranged to respond to the logical unit detection command by informing existence of at least one private logical unit indicated by the logical unit identification information corresponded with the computer identification information indicating the computer, from which the logical unit detection command is received ~~detect a private logical unit which is registered in said LUN management table with a correspondence to an ID of the detecting computer.~~

32-35. (Canceled).

36. (New) A computer system according to Claim 31, wherein each of the plurality of computers is further arranged to execute a boot-up process of an

Operating System (OS) stored in one of the at least one private logical units informed by the storage system.

37. (New) A computer system according to Claim 36, wherein the mutual correspondence between the computer identification information and the logical unit identification information, which is held in the storage system, is changed based on a combination of a user name and a computer, to which the user name is inputted.

38. (New) A computer system according to Claim 29, wherein a combination of a private logical unit and a computer permitted to access the private logical unit by the storage system is changed based on a combination of a user name and a computer, to which the user name is inputted.

39. (New) A computer system comprising:  
a plurality of computers; and  
a storage system comprising a plurality of logical units and an interface control circuit coupled to the plurality of computers,  
wherein each of the plurality of logical units is a private logical unit of a predetermined user, which is

conditionally accessible from a computer, to which a user name of the predetermined user is inputted,

wherein each of the plurality of computers is arranged to receive an inputted user name, detect at least one available private logical unit accessible from the computer, and access the detected at least one private logical unit, and

wherein a combination of a computer and a private logical unit, which the computer can detect, is changed according to a combination of a computer and a user name, which is inputted into the computer.

40. (New) A computer system according to Claim 40, wherein each of the plurality of computers is further arranged to execute a boot-up program of an Operating System stored in the detected private logical unit.

41. (New) A computer system according to Claim 40, wherein a combination of a computer and a private logical unit, which the computer can detect, is changed according to a combination of a computer and a user name of a user, who is permitted to use the computer.

42. (New) A computer system according to Claim 29, wherein a user name transmitted from a computer to the management computer is a user name indicating a user permitted to use the computer.

43. (New) A computer system according to Claim 38, wherein a user name transmitted from a computer to the management computer is a user name indicating a user permitted to use the computer.